



Current Trends in Chemistry towards Biology

Guest Editors:

Prof. Dr. Josef Jampilek

1. Department of Analytical Chemistry, Faculty of Natural Sciences, Comenius University, Ilkovicova 6, 84215 Bratislava, Slovakia

2. Department of Chemical Biology, Faculty of Science, Palacky University, Olomouc, Slechtitelu 27, 78371 Olomouc, Czech Republic

Dr. Jiri Kos

Faculty of Medicine, Masaryk University, Brno, Czech Republic

Deadline for manuscript submissions:

closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

Knowledge of the interactions between molecules is undoubtedly the driving force behind all contemporary biomedical and biological sciences. Chemical biology/biological chemistry has become an important multidisciplinary bridge between chemistry and biology dealing with the study of small molecules, peptidomimetics or peptides, and their interactions in biological systems.

This Special Issue is intended for all researchers involved in the structure and analysis of biomolecules, the design and development of biologically active compounds and materials, and their interactions. Both works of a theoretical nature and manuscripts dealing with the mentioned topics at the level of in vitro/ex vivo and in vivo are welcome. Papers dealing with the structure of receptors and the enzymatic cascade are also invited.

Prof. Dr. Josef Jampilek

Dr. Jiri Kos

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI